

Data File : VV008511.D
Acq On : 01 Nov 2018 13:57
Operator : SY/MD
Sample : J5726-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBX4

Quant Time: Nov 02 07:14:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 02 07:10:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	213998	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195711	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82308	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57449	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.56	69	41837	55.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.44%
11) 1,1-Dichloroethene-d2	2.13	63	74164	33.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.86%
21) 2-Butanone-d5	3.94	46	124621	94.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.61%
24) Chloroform-d	4.41	84	134936	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.09	65	94525	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.10	84	276050	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.12	67	94587	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.88%
41) Toluene-d8	7.36	98	250417	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.67	79	45339	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.14	63	94403	93.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.91%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	128121	46.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	86639	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

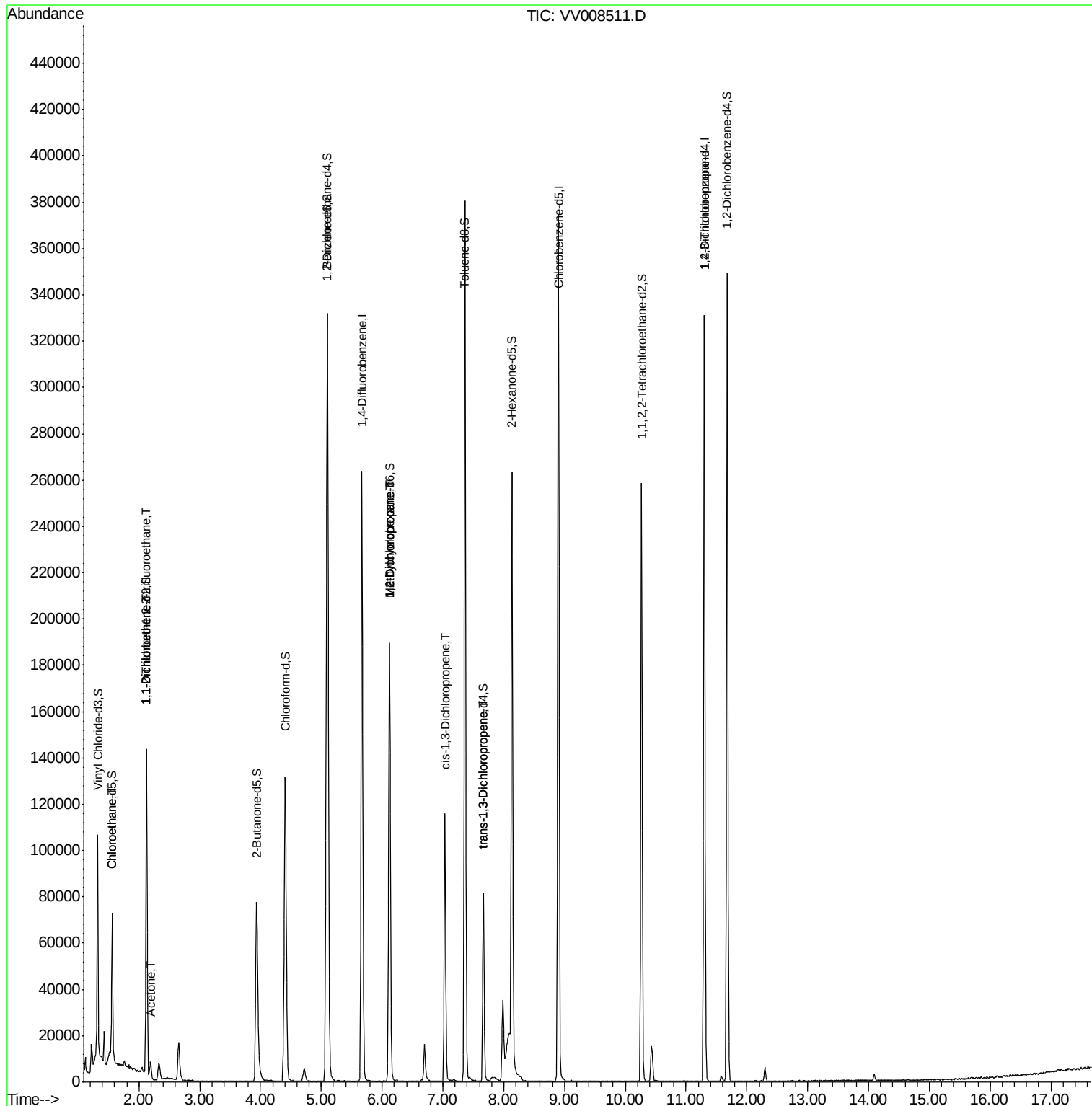
					Qvalue	
8) Chloroethane	1.55	64	1643	2.169	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	638	0.665	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	635	0.718	ug/L #	1
13) Acetone	2.20	43	6168	5.658	ug/L	99
35) Methylcyclohexane	6.12	83	21695	8.360	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	10231	6.259	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2484	0.971	ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1999	0.832	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	10787	5.136	ug/L	90

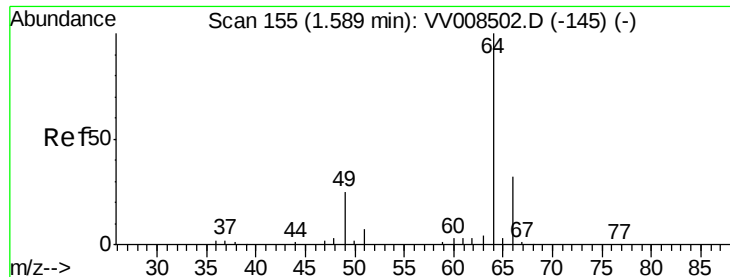
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 2.169 ug/L

RT: 1.55 min Scan# 144

Delta R.T. -0.04 min

Lab File: VV008511.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_V

ClientSampleId :

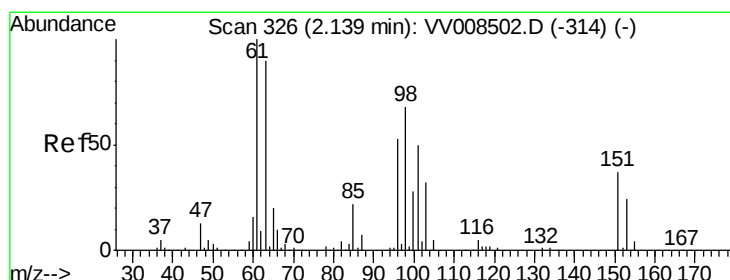
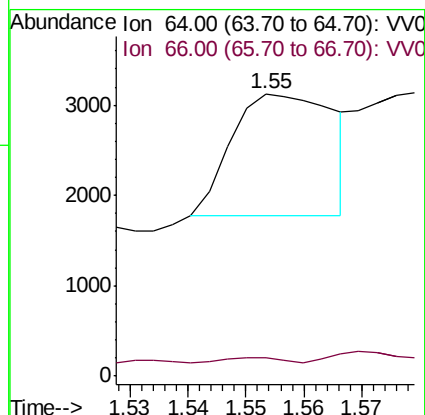
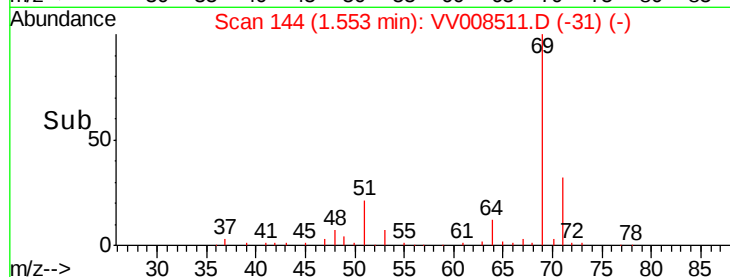
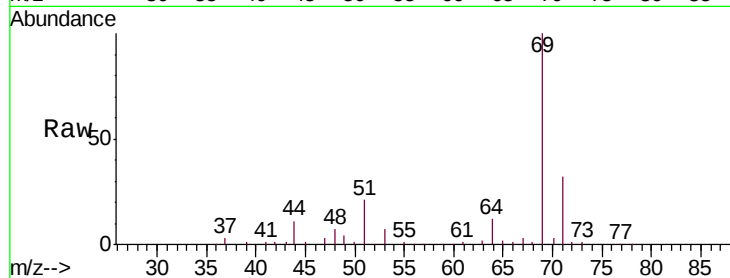
ETBX4

Tgt Ion: 64 Resp: 1643

Ion Ratio Lower Upper

64 100

66 6.3 19.9 36.9#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.665 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008511.D

Acq: 01 Nov 2018 13:57

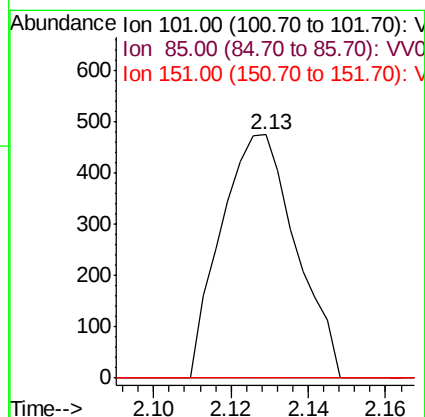
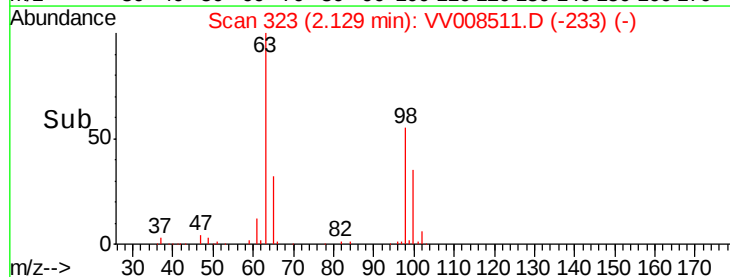
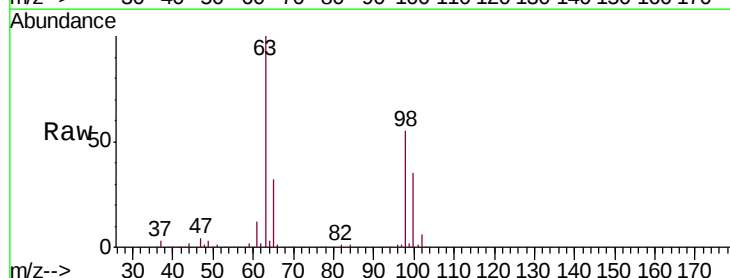
Tgt Ion: 101 Resp: 638

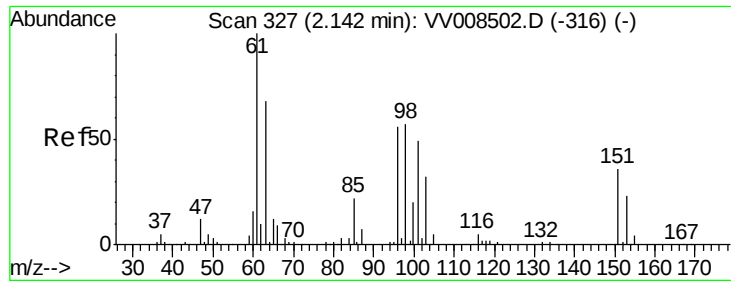
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#

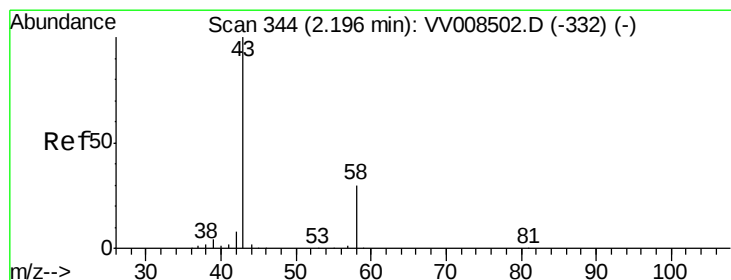
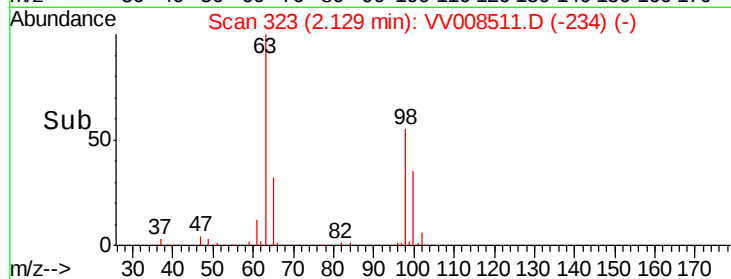
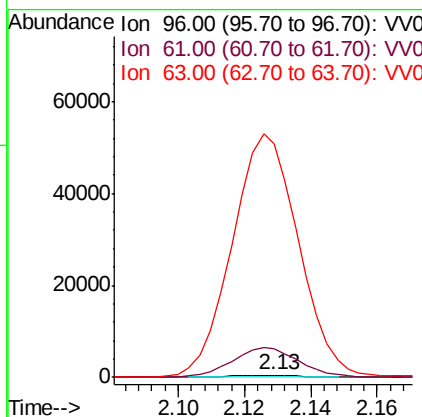
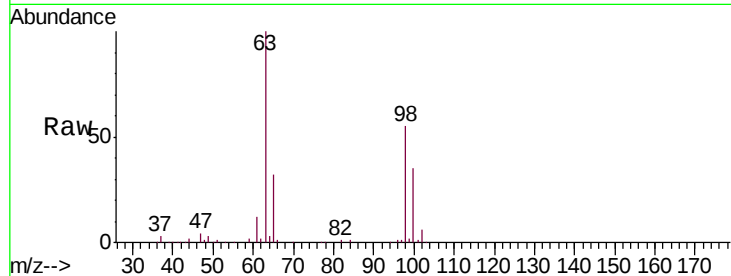




#12
 1,1-Dichloroethene
 Concen: 0.718 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008511.D
 Acq: 01 Nov 2018 13:57

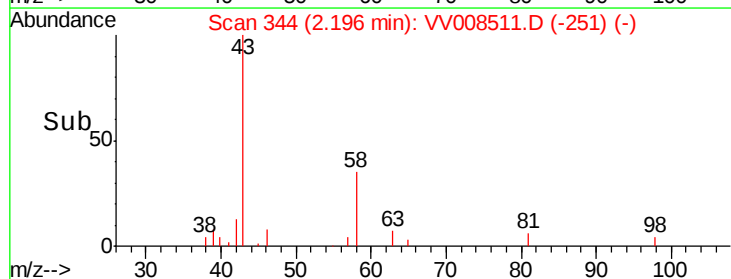
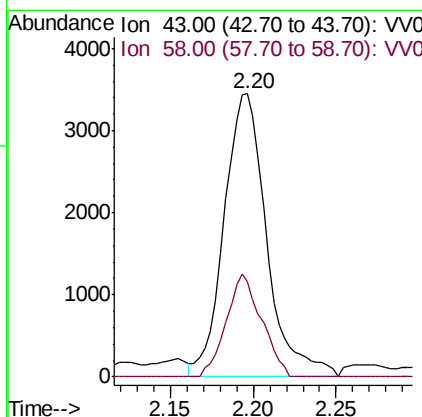
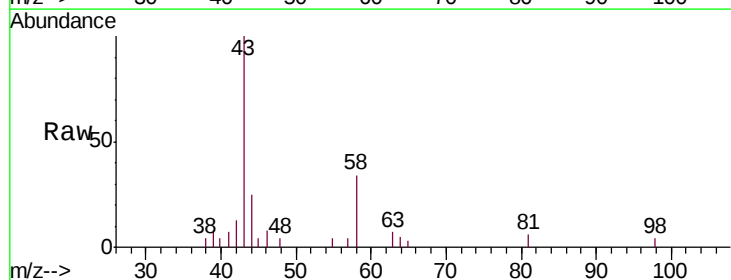
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBX4

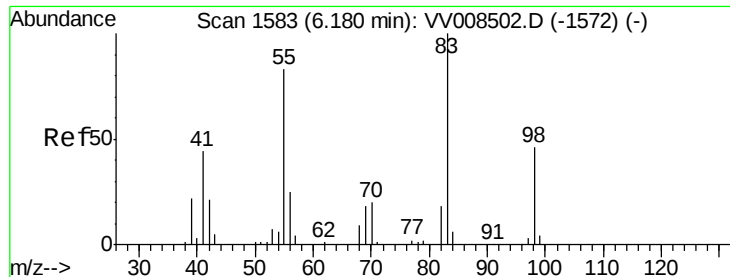
Tgt Ion: 96 Resp: 635
 Ion Ratio Lower Upper
 96 100
 61 1588.1 130.3 242.1#
 63 12866.8 84.4 156.8#



#13
 Acetone
 Concen: 5.658 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VV008511.D
 Acq: 01 Nov 2018 13:57

Tgt Ion: 43 Resp: 6168
 Ion Ratio Lower Upper
 43 100
 58 30.0 0.0 61.4

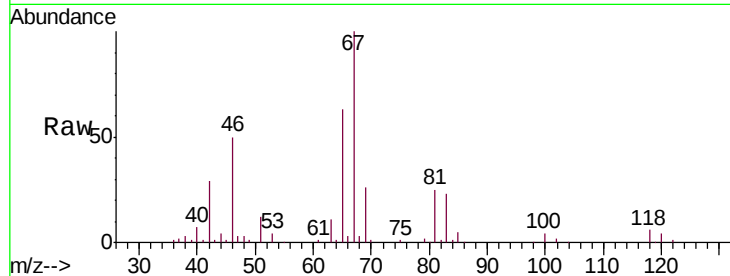




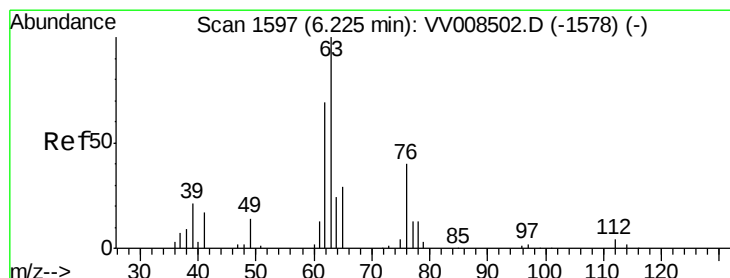
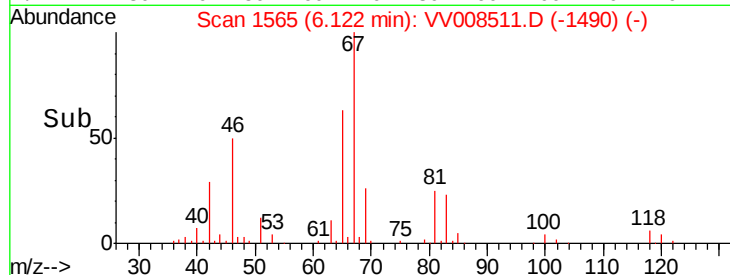
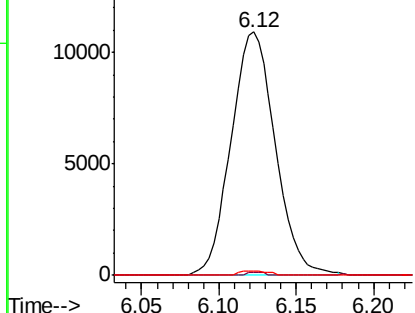
#35
Methylcyclohexane
Concen: 8.360 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008511.D
Acq: 01 Nov 2018 13:57

Instrument :
MSVOA_V
ClientSampleId :
ETBX4

Tgt Ion: 83 Resp: 21695
Ion Ratio Lower Upper
83 100
55 0.0 65.0 97.4#
98 1.1 36.0 54.0#

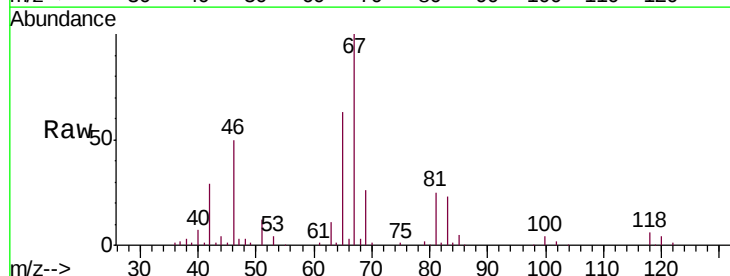


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

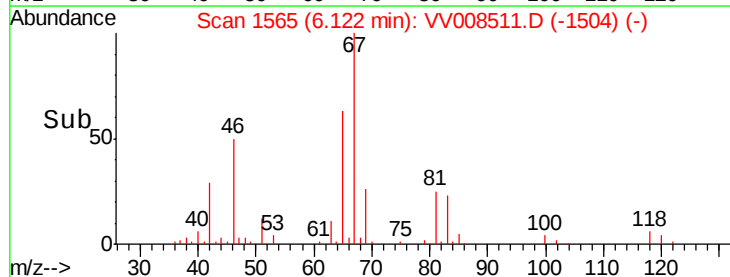
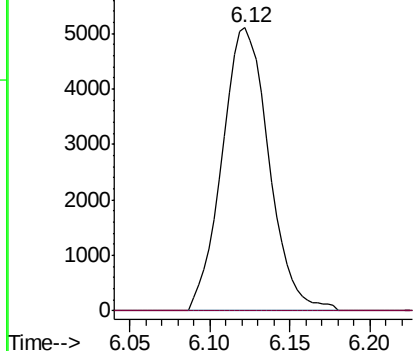


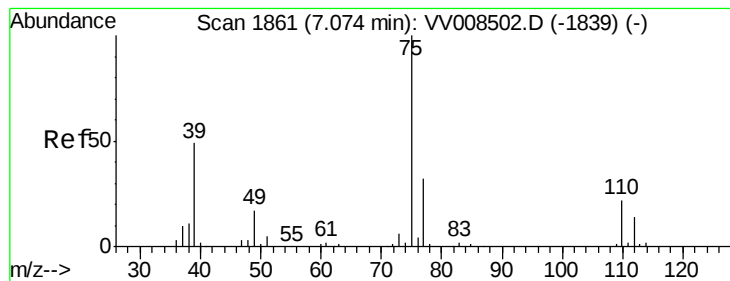
#37
1,2-Dichloropropane
Concen: 6.259 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008511.D
Acq: 01 Nov 2018 13:57

Tgt Ion: 63 Resp: 10231
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.971 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008511.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_V

ClientSampleId :

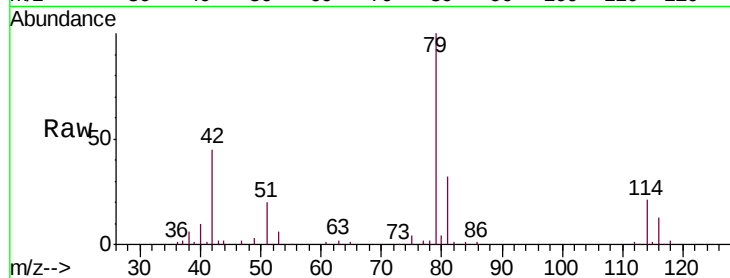
ETBX4

Tgt Ion: 75 Resp: 2484

Ion Ratio Lower Upper

75 100

77 51.7 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008502.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008502.D (-1839) (-)

7.03

1500

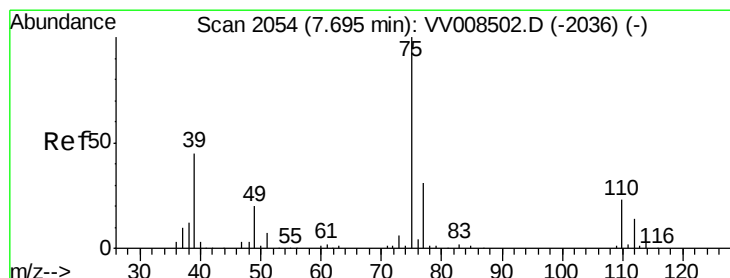
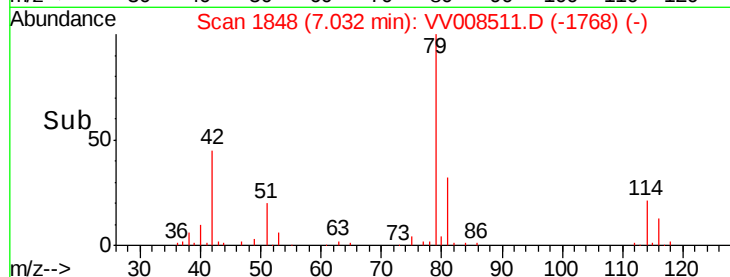
1000

500

0

7.00 7.05

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.832 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008511.D

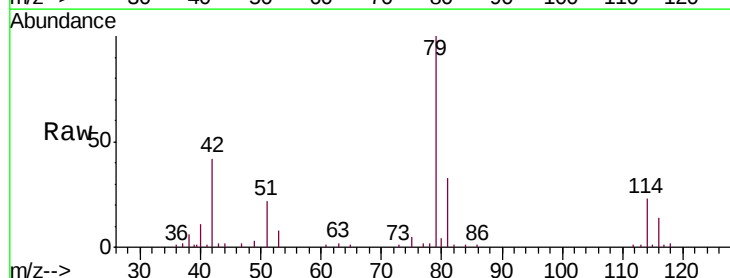
Acq: 01 Nov 2018 13:57

Tgt Ion: 75 Resp: 1999

Ion Ratio Lower Upper

75 100

77 38.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008502.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008502.D (-2036) (-)

7.67

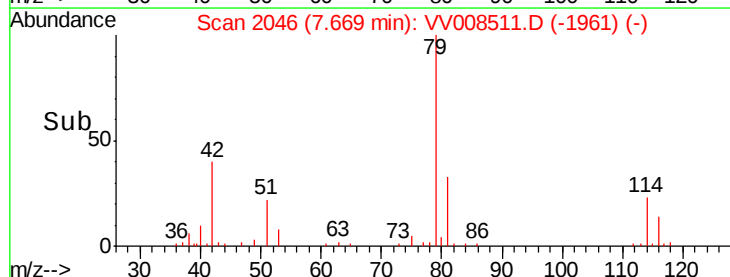
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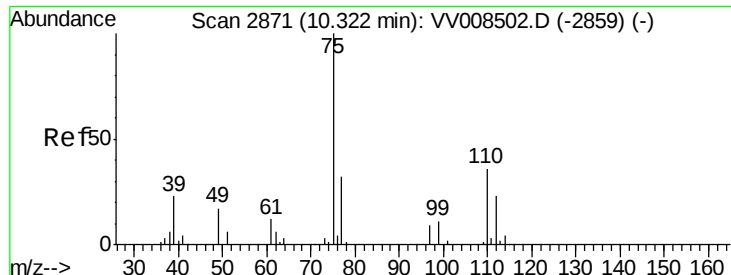
500

0

7.65 7.70

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.136 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008511.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_V

ClientSampleId :

ETBX4

Tgt Ion: 75 Resp: 10787

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

